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MEMORANDUM

TO: Fred N. Rubel, Chief
Emergency Response and Hazardous Materials Inspection Branch, U.S. EPA

FROM: Trudi J. Fancher, TAT II
John Bee, TAT II *Trudi J. Fancher*
John Bee

SUBJECT: SPCC Inspection
Chevron Chemical Company
TDD #2-8110-28

DATE: May 11, 1982

Observations:

On November 18, 1981, T. Fancher, C. Hylemon, and J. Bee, TAT II members, accompanied by Mr. Skip Gage, Plant Engineer, conducted an SPCC inspection of the Chevron Chemical Company located at the corner of Metuchen and Harmich Roads in South Plainfield, New Jersey. This plant, which prepares and packages liquid and solid formulations of pesticides, has 18 tanks in a well maintained tank field. Secondary containment for the tanks is provided by a concrete wall, the dimensions of which provide 51,791 gallons of containment. This was calculated by considering the dimensions of the containment area minus the area required for the bases of the 18 tanks. The tanks, which range from 1,500 to 21,000 gallons, hold the following substances: fuel oil (10,000 gallons); xylene; kerosene; klearol; mineral seal oil; sun oil; aqua ammonia; solvesso 100, versene; caustic; phosphoric acid; and malathion. The containment area has more than twice the containment volume required to hold the contents of the largest tank should it rupture.

Storm water drainage of the slightly graded tank field is provided by a locked valve outlet. The delivery areas for both tank trucks and tank cars have grated troughs in impervious floors to catch spills. Both loading areas have roofs and partial walls to discourage the collection of storm water in these areas. Spillage is collected in a sump and then pumped to a waste water holding tank. Approximately every two weeks an estimated 5,000 gallons of wash down and spillage waste water is shipped via Freehold Cartage to Chemclear in Chester, Pennsylvania for disposal. The facility is fenced, well illuminated, and has good security including locks on the tank valves to deter vandalism and accidental spills. The SPCC plan is housed in the facility and was certified by G. E. Twitchell, P.E., in November 26, 1980. The plan appears to address all points of the SPCC regulations and appears to be well implemented.